



# **I-90/94 and WIS 82 Interchange Reconstruction**

## **Mauston, WI**

Project ID 1016-05-00/80

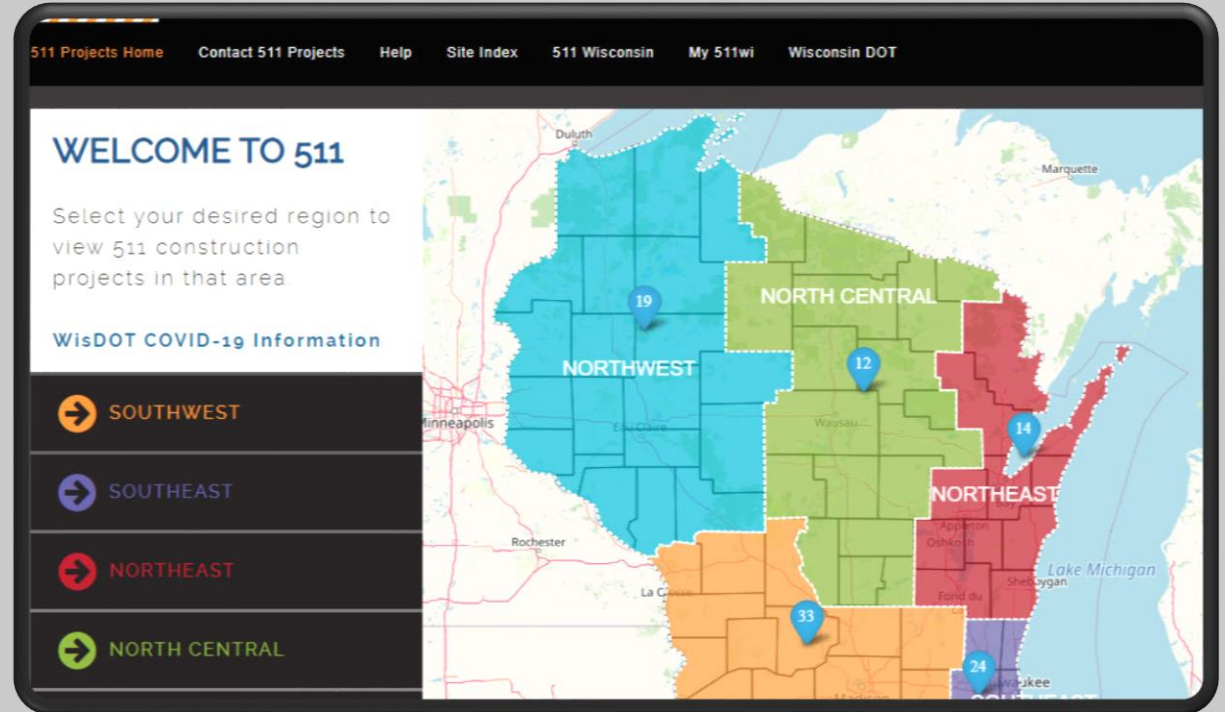
Public Information Meeting Materials

**September 15, 2021**

# Project Website

[www.511wi.gov](http://www.511wi.gov)

- Click Construction Projects
- Southwest Region
- I-90/94 and WIS 82 Interchange



# Presentation Agenda

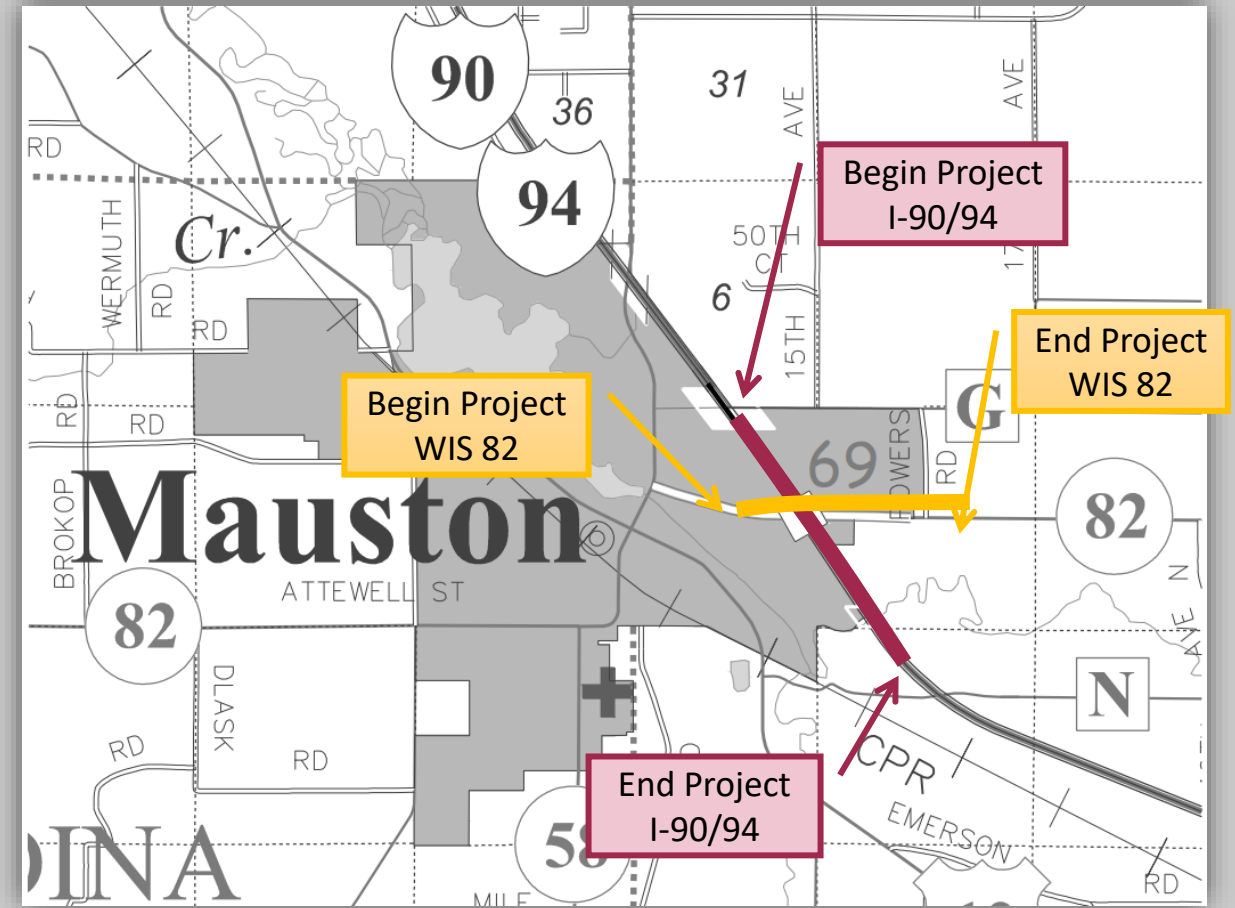
- Project Location
- Purpose and Need
- Planned Improvements
- Traffic Impacts
- Schedule
- Project Team and Contact Information



# Project Location

## City of Mauston and Town of Lemonweir, Juneau County

- I-90/94 (1.57 miles)
  - Between County G/Sherman St. and Lemonweir River bridge
- WIS 82 (0.90 miles)
  - Between Kennedy Street and Powers Avenue



# Project Purpose and Need

## Existing Conditions

In 2017 a comprehensive environmental process was initiated to study the interchange and select a preferred alternative that will address safety, traffic and infrastructure conditions at the location:

- High crash rates
- Deteriorating pavement conditions
- Deteriorating and substandard bridge structures
- Growing traffic volumes and operational issues



# Planned Improvements

## Project Overview

WisDOT is currently finalizing plans in advance of construction, scheduled for 2022-23. The project includes the following improvements:

- Reconstruction of ramps and ramp terminals
- Construction of roundabouts at ramp terminals
- Replacement of I-90/94 bridges over the Lemonweir River, WIS 82, and westbound County G
- Reconstruction of WIS 82 between Kennedy Street and Commercial Street
- Resurfacing on WIS 82 between Commercial Street and Powers Avenue
- Modified lane configurations on WIS 82



# Planned Improvements

## I-90/94 Mainline

- Replace all lanes of existing pavement with new concrete pavement between County G/ Sherman Street overpass and Lemonweir River
  - Maintain existing alignment
  - Slight grade raise at WIS 82 overpass to increase vertical clearance under bridges to 16' 9"
- Replace deteriorating bridges over WIS 82 and Lemonweir River
- Replace westbound I-90/94 bridge over County G with wider structure to accommodate a truck acceleration lane on I-90/94
- Place concrete deck overlay on eastbound I-90/94 bridge over County G to extend service life

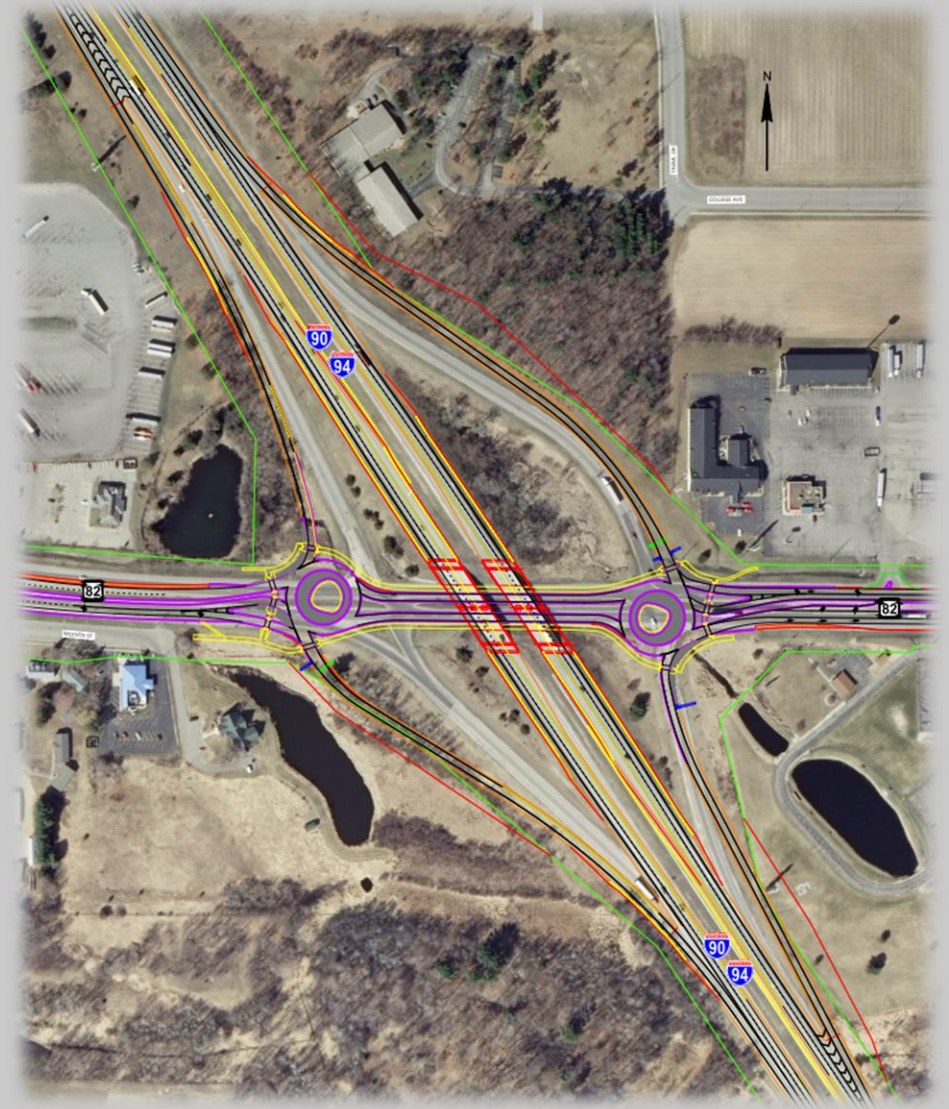




# Planned Improvements

## WIS 82 Interchange

- Lengthen and improve entrance/exit ramps to meet current geometric safety standards
- Construct single lane roundabouts at ramp terminals





# Planned Improvements

## WIS 82 Mainline

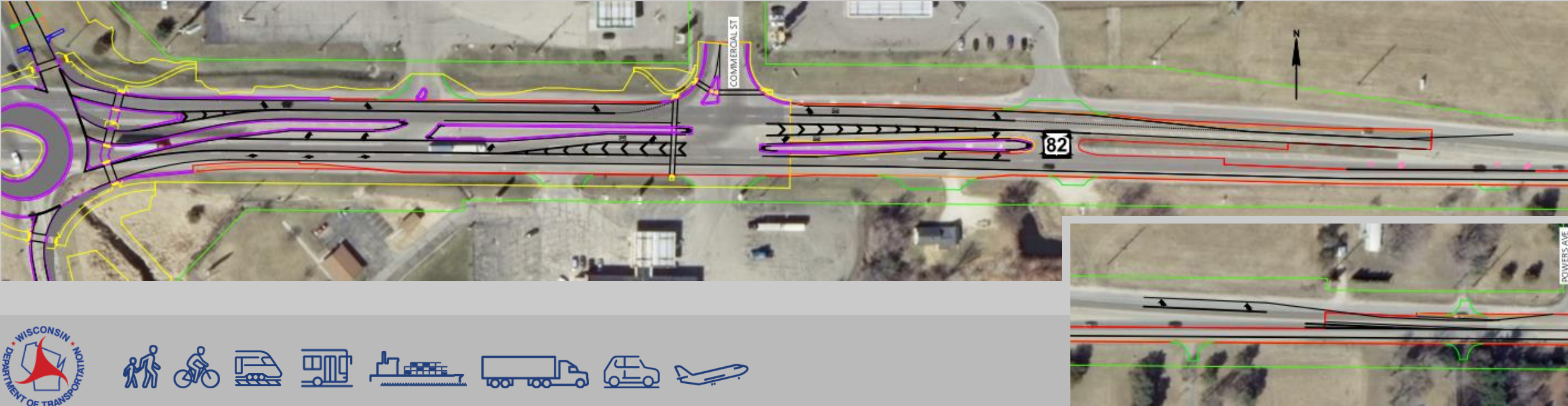
- Pavement replacement between Kennedy Street and Commercial Street
- Resurfacing between Commercial Street and Powers Avenue
- East of I-90/94, existing four lanes will be replaced with two through lanes and designated turn lanes with queue storage
  - Meets existing and forecasted traffic needs on WIS 82
  - Provides additional capacity for left-turning vehicles to access businesses and property



# WIS 82 Mainline West of I-90/94



# WIS 82 Mainline East of I-90/94

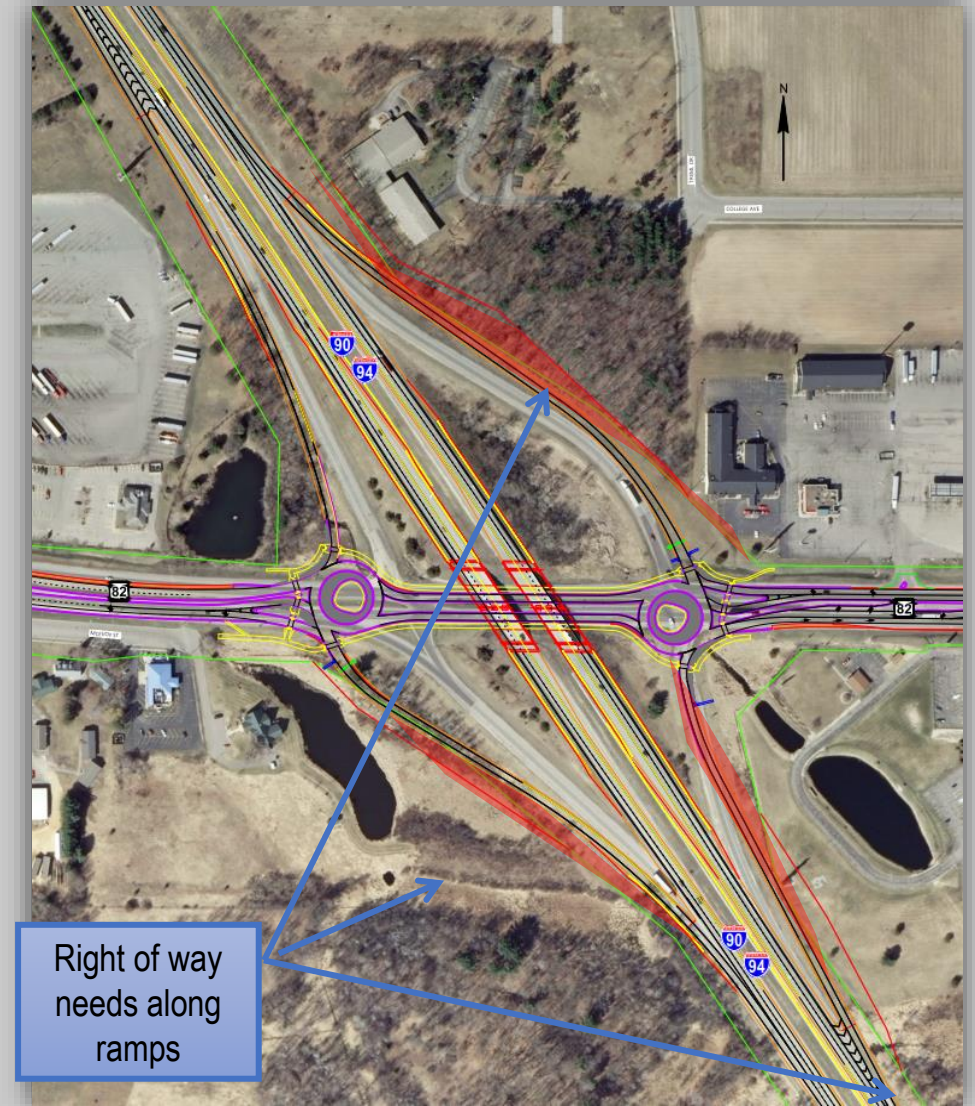




# Planned Improvements

## Right-of-Way

- Strips of right-of-way are needed along I-90/94 to accommodate improvements:
  - WIS 82 interchange entrance/exit ramps
  - North of Lemonweir River bridges
  - At County G overpass
- Acquisition process has started



# Traffic Impacts

## I-90/94 Mainline

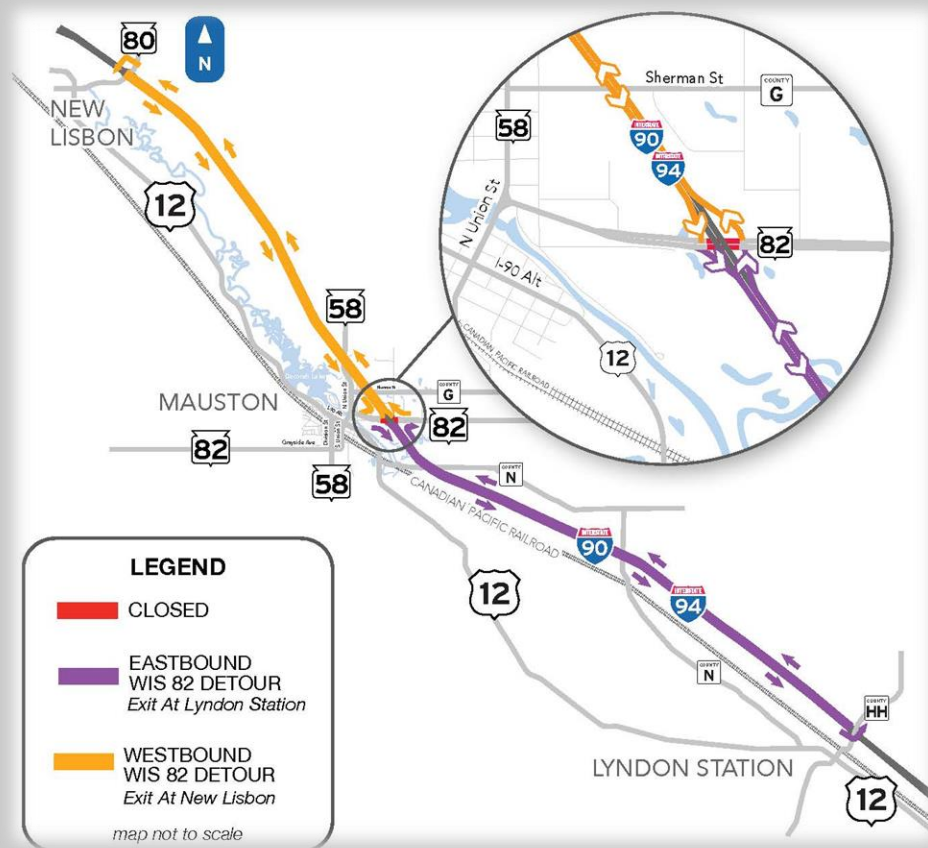
- 4 lanes of traffic will be maintained on I-90/94
- During isolated short-term periods, reduction to one lane in each direction will be required using night time lane closures
- Temporary roadway and temporary bridge structures, constructed in 2021, will be utilized to maintain traffic



# Traffic Impacts

## WIS 82 Mainline and Interchange

- One lane in each direction maintained for majority of project
- Access to adjacent businesses will be maintained throughout construction
- Isolated short-term night time closures of WIS 82 expected for bridge work (pictured)
  - Detour routes to utilize I-90/94 to New Lisbon and Lyndon Station
  - Limited to maximum of 5 separate nights



# Project Schedule

- Real estate acquisition: 2021
- Utility work: Ongoing
- Construction start: Spring 2022
- Project Completion: Fall 2023





# Construction Schedule

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## 2022

- I-90/94 lanes, structures, and exit/entrance ramps
- WIS 82
- Roundabouts

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## 2023

- Remove I-90/94 temporary roadway and structures from I-90/94 median
- Restore final median shoulders



# Project Team Contact Information

Thank you for your time. If you have any comments, questions, or concerns, please contact us via email, mail, or phone call.

## WisDOT

Travis Buros, PE; Project Manager  
[travis.buros@dot.wi.gov](mailto:travis.buros@dot.wi.gov)  
(608) 789-5702

Ian Winger, PE; Project Supervisor  
[Oscar.Winger@dot.wi.gov](mailto:Oscar.Winger@dot.wi.gov)  
(608) 246-7965

## MSA Professional Services, Inc.

Quirin Klink, PE; Project Manager  
[qklink@msa-ps.com](mailto:qklink@msa-ps.com)  
(608) 355-8890

### Mailing Address:

WisDOT SW Region  
3550 Mormon Coulee Rd  
La Crosse, WI 54601

